



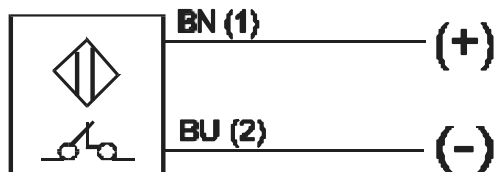
# NAMUR Proximity Switches

OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

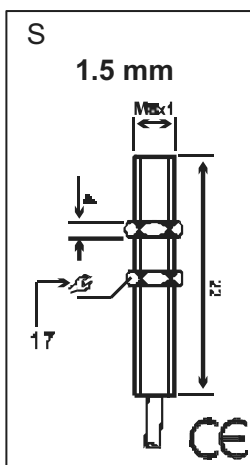
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

## CONNECTION DIAGRAMS



PVC Cable  
(For Metal Housing)  
IP-67 Protection  
Temp. -20° to 100°C  
Nominal Amb.Temp. -20 to 55°C



Supply Voltage	8
Mounting	Flush
Current Consumption	
(A) Active Face Free	$\geq 3\text{mA}$
(B) Active Face Covered	$\leq 1\text{mA}$
Intrinsic Capacitance	35nF
Intrinsic Inductance	35mH
Switching Frequency	5000Hz
Switching Hysteresis	5%
Standard Target(Ferrous)	8x8x1
Cable (Cross Section) ETAL HOUSING	0.14mm <sup>2</sup> 1.5-8-GM-N

## Ordering Chart

M	NJ	ART. NO. : (SIN004M2) ensing Range
SYNTHETIC HOUSING VDC		